

ABSTRACT OF THE DISCLOSURE

An air temperature exchanger installed in pipeline of cooling coil and heat dissipation coil, comprised of a cold/hot exchange baseboard with both sides respectively adapted to cooling liquid containing cold conductor and hot conductor creating a temperature difference on both sides of the base board; within, by means of a pipeline, the cold conductor, the cooling coil, the hot conductor and heat dissipation coil respectively form a closed cooling circulation pipeline and heat dissipation circulation pipeline driven by a water pump; cooling liquid in the heat dissipation pipeline flowing through the hot air conductor to dissipate heat by heat exchange on hot contact surface of the cold/hot exchange base board; consequently, a better cooling function is created on the other cold contact surface to reduce the temperature of the cooling liquid flowing through the cold conductor; and the cooling liquid in reduced temperature passes through the cooling coil to exchange temperature with and reduce the ambient temperature.

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